

ABSTRACT OF THE DISCLOSURE

A method and system for compiling neighbour lists in a mobile communication network is described. A test signal is transmitted from one base station (BTS) to a set of location measurement units (LMU), one LMU preferably being associated with the transmitting BTS. The received signal is time stamped at each LMU and the transmission times calculated from the time stamps. The transmission times are compared and the list is compiled from those LMUs with close or the same transmission times.